

Strategic Plan Update  
FY 2002 - FY 2006  
for  
Information Management  
in the  
Office of Science

Strategic Planning & Architecture  
Ted Griffin, SC-65  
301-903-4602



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# IM Strategic Plan Overview

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The Information Management (IM) *Strategic Plan* for the Department of Energy's Office of Science Headquarters is an agreement between the Information Management and Technology Division (SC 65) and our customers. It identifies the IM products and services to be delivered over a five-year period (budget permitting). We update it annually to help achieve our goal to provide IM services that enable customers to perform their work more effectively.

This update covers FY 2002 through FY 2006 and was accomplished as a collaborative effort between SC65 and the Customer Information Advisory Group (CIAG) over a four-month period. The time and effort provided by the CIAG is greatly appreciated. Their names are listed below:

Shahida Afzal, SC50  
Peggy Burris, SC5  
Steve Buswell, SC7  
Greg Dilworth, SC14  
Steve Eckstrand, SC55  
Jane Hiegel, SC31  
Lori Jernigan, SC64  
Cathy Hanlin, SC23  
Caryle Miller, SC82  
Dean Oyler, SC22  
Marvin Stodolsky, SC72

Two major changes are incorporated into this update. First, the Plan is strictly focused on services. Every line item now represents an IM service to be provided. This enables our customers to clearly understand the services offered in support of the performance of their work. Second, services offered in the Plan are spread across the five-year period based on an annual IM budget of \$8,000,000. In the past, budget was not a consideration when spreading the services. This change produces a more realistic Plan.

Having been approved by the SC HQ IM Board, this updated Plan is the sole basis for the development of the FY 2002 IM budget and Operating Plan. Requirements, scope, schedules, and delivery plans will continue to be refined in collaboration with our customers throughout FY 2002 to help ensure that products and services are delivered effectively and accomplish their intended purpose.

# IM Strategic Plan Overview

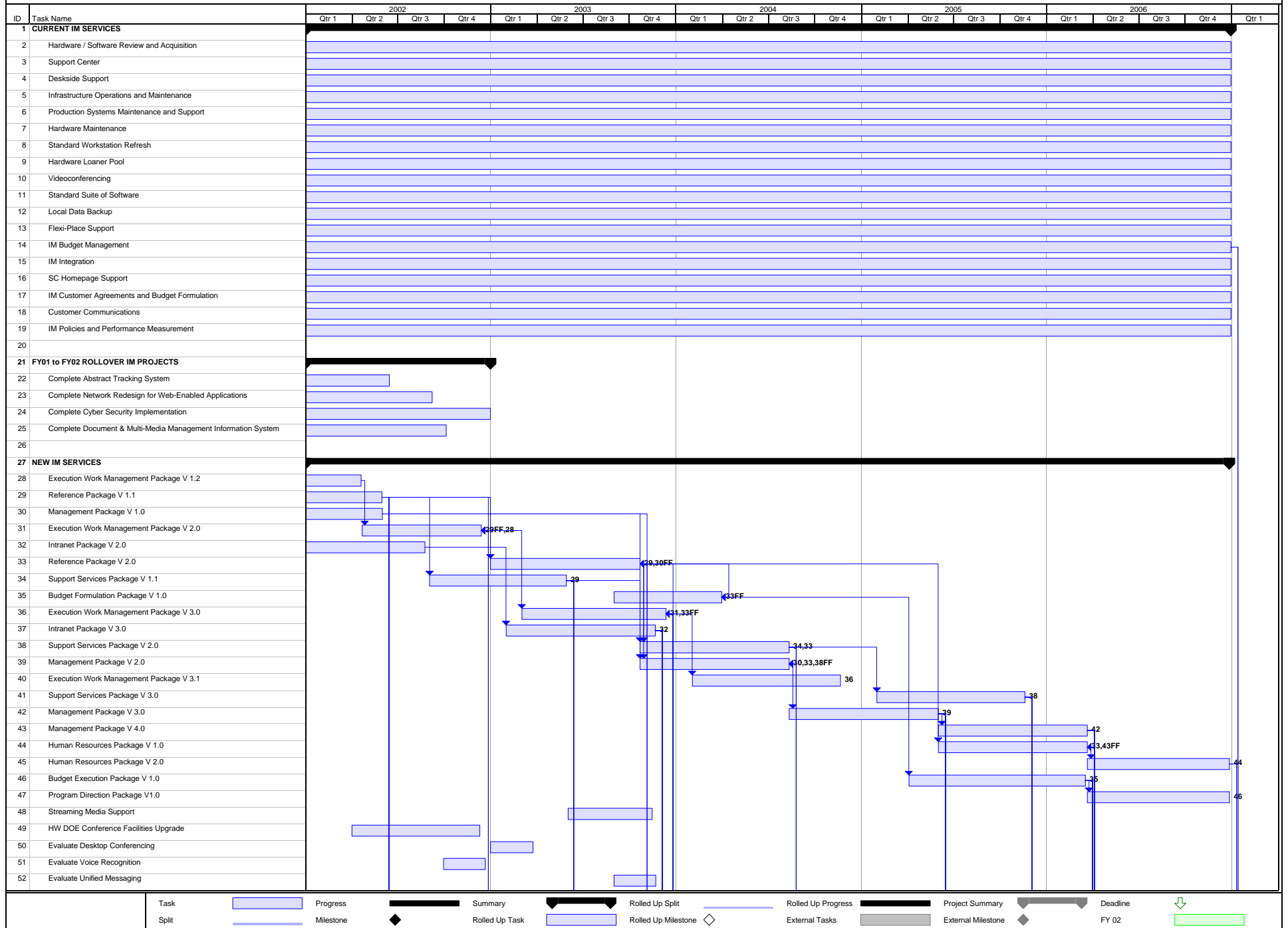
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This Strategic Plan is organized in four sections:

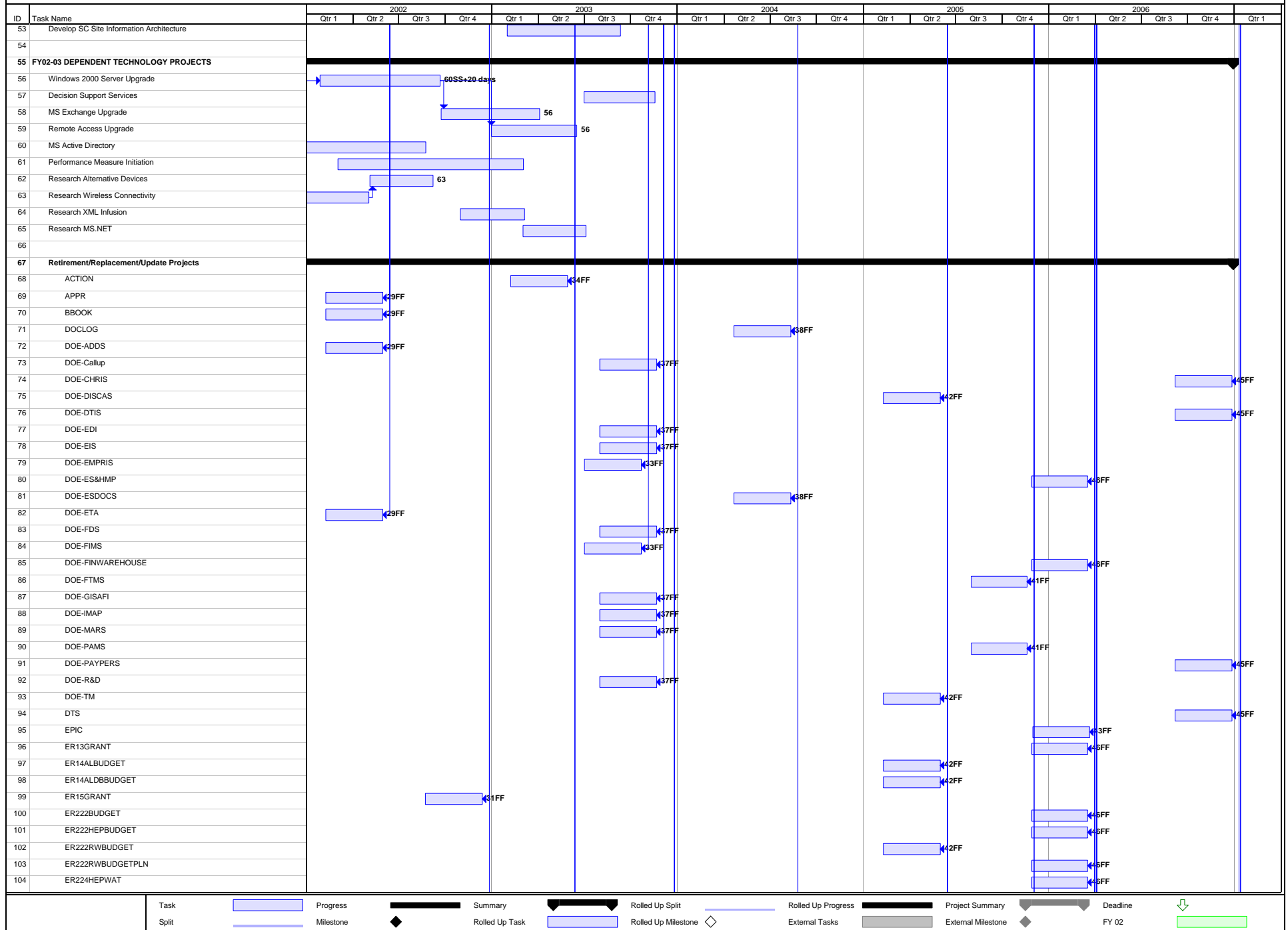
Section	Description
<b>IM Strategic Plan Schedule</b>	Provides a target schedule for the delivery of IM products and services.
<b>IM Strategic Plan Narratives</b>	<p>Provides a description of each line item in the schedule:</p> <ul style="list-style-type: none"><li>• <b>Current IM Services:</b> IM services currently provided to customers.</li><li>• <b>FY01-FY 2002 Rollover IM Projects:</b> IM projects initiated in FY 2001 and scheduled for completion in FY 2002.</li><li>• <b>New IM Services:</b> New IM services planned for FY 2002-FY 2006.</li><li>• <b>FY 2002-03 Dependent Technology Projects:</b> FY 2002 and FY 2003 changes to the technology infrastructure that must accompany the rollout of new services.</li><li>• <b>Retirement/Replacement/Update Projects:</b> Projects to retire, replace, or update existing systems based on the implementation of new IM services and discussions with the customer.</li></ul>
<b>Dependency Diagrams</b>	<p>Provides two diagrams illustrating the dependencies between:</p> <ul style="list-style-type: none"><li>• New IM Services</li><li>• FY 2002-03 Dependent Technology Projects</li></ul>
<b>Legacy System to New Application Relationships</b>	Provides the relationships between the implementation of new IM services and the potential retirement, replacement, or update of existing systems as a result.

The preparation of this document was coordinated by the Office of Science's Strategic Planning and Architecture team (SPA). Questions may be addressed to: Ted Griffin, SC-65; Phone: (301) 903-4602.

# IM Strategic Plan Schedule

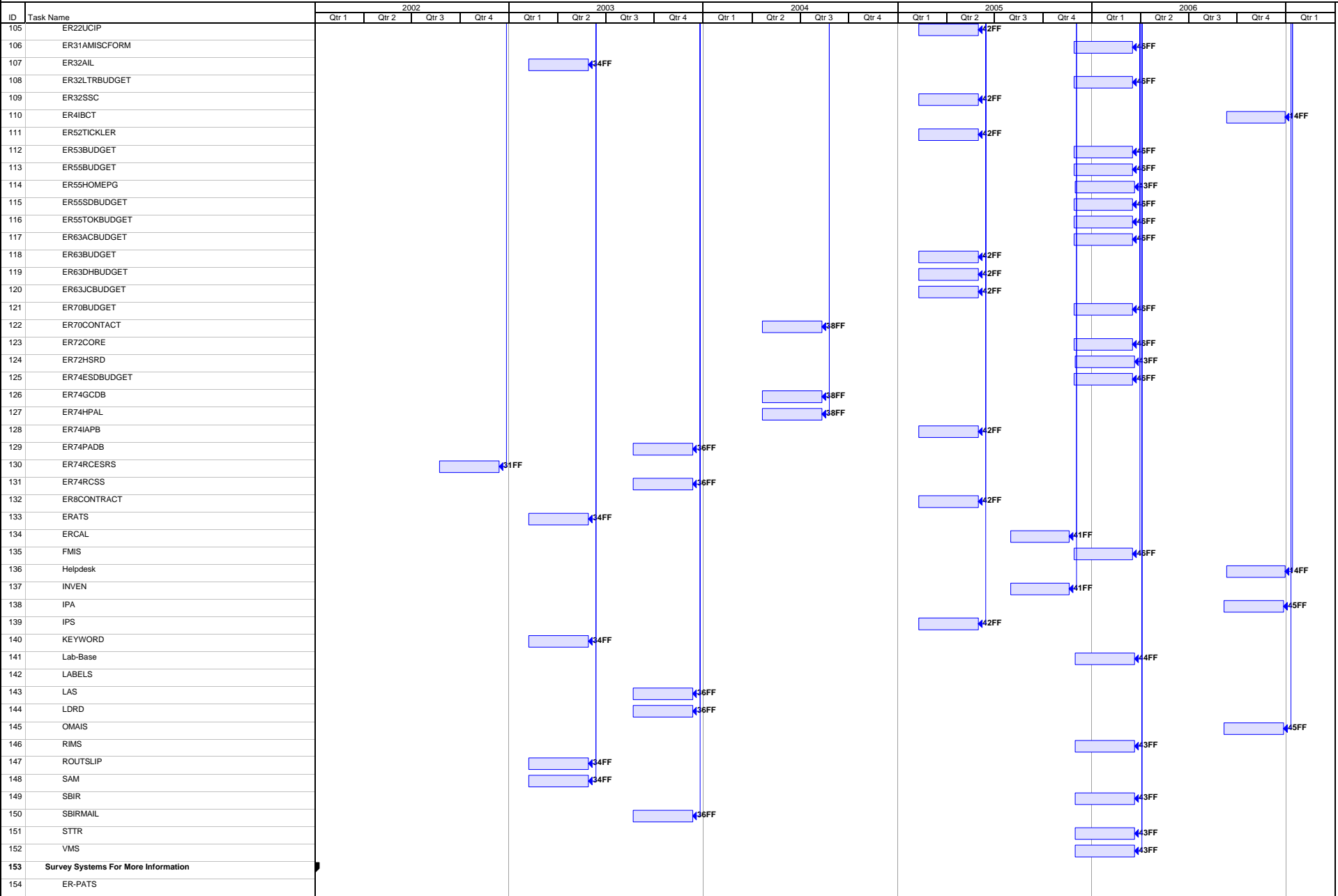


# IM Strategic Plan Schedule





IM Strategic Plan Schedule





# **CURRENT IM SERVICES**

# IM Strategic Plan Narratives

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# IM Strategic Plan Narratives

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## Hardware / Software Review and Acquisition

Provides for the funding, review, and acquisition in support of ad-hoc customer requests for hardware and software not provided as part of the standard workstation or standard suite of software. Provides for the review and acquisition of hardware and software required to support the annual IM operating agreement, and for hardware replacement components when workstations break down.

## Support Center

Provides helpdesk services for all “Current IM Services.” This service currently supports over 10,500 calls/year.

## Desk-side Support

Provides hands-on problem resolution at the customer workstation for all “Current IM Services.” This service currently supports over 6,000 visits/year.

## Infrastructure Operations and Maintenance

Maintains the LAN infrastructure currently consisting of 35 servers. Provides backup and recovery of the LAN data. Maintains cyber security as currently implemented. Maintains the remote access service. Integrates necessary infrastructure changes to maintain current levels of service. Performs configuration management in support of the LAN infrastructure. Performs limited disaster recovery. Provides for network redundancy.

## Production Systems Maintenance and Support

Maintains all current production systems, which currently exceeds 25 systems.

## Hardware Maintenance

Maintains all workstations (approx 465), printers (approx 130), fax machines, and scanners.

## Standard Workstation Refresh

Provides for a 33% refresh of workstations. Provides for replacement of printers as needed.

## Hardware Loaner Pool

Provides and manages a loaner pool that includes Blackberries, laptops, cell phones, pagers, LCD projectors, and an Ethernet hub. This service currently supports over 200 requests/year. Provides for the recurring charges associated with Blackberry, cell phone and pager usage. Provides for a 33% refresh of laptops and limited augmentation of the loaner pool.

## Videoconferencing

Provides video conferencing support to H207, G258, G436, E243, and the FORS conference room.

## Standard Suite of Software

Provides for licensing and maintenance of a standard suite of software (currently exceeding 70 packages) for all workstations. This includes providing a three-year maintenance agreement of MS software licensing (and upgrades) for all desktops (MS Office, IT, etc.) and servers (NT, SQL, etc.).

# IM Strategic Plan Narratives

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## Local Data Backup

Provides local backup and recovery services for local data.

## Flexi-Place Support

Provides a flexi-place configured workstation and associated maintenance for Flexi-place customers.

## IM Budget Management

Provides for overtime and other direct costs as part of contract management, and performs budget execution to ensure funds are being spent efficiently in accordance with the annual IM operating agreement.

## IM Integration

Provides support to the integration of all IM services as identified in the annual IM operating agreement. Provides support to DOE IM corporate, SC CIO, LPSO, and capital planning initiatives.

## SC Homepage Support

Provides update and maintenance support to the SC1 homepage. Program homepages are not included.

## IM Customer Agreements and Budget Formulation

Provides a five-year IM strategic and operating agreement with the CIAG, IM Board, and ESC that identifies the products and services to be delivered in priority order (contingent on budget approval), and performs budget formulation based on the five-year IM strategic agreement.

## Customer Communications

Provides quarterly newsletters to customers that give details on services being provided and to be provided. Manages and coordinates the CIAG weekly meetings and IM Board monthly meetings. Maintains and updates the SC65 homepage and provides for ad-hoc customer briefings.

## IM Policies and Performance Measurement

Develops and updates IM policies and performance measures with the CIAG that identify how services will be provided and measured, and facilitates process improvement based on performance measure results.

### **FY01-FY02 ROLLOVER IM PROJECTS**

# IM Strategic Plan Narratives

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# IM Strategic Plan Narratives

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## **Complete Abstract Tracking System**

Provide users with a browser-based capability to create, modify, manage, view, and publish Office of Science project abstracts. Principal investigators will be provided with an Internet enabled interface to allow management of project abstracts. Publishing users will be provided with an Internet enabled interface to search and view abstracts. Program managers will be provided with an Intranet enabled view to manage and publish abstracts.

## **Complete Network Redesign for Web-Enabled Applications**

Supports all applications with a redesign and implementation of SC network infrastructure to enhance robustness, security, and reliability.

## **Complete Cyber Security Implementation**

Mitigates security risks by employing technologies and methods that would allow systems to guard data transmission, storage, and overall data integrity; as well as to alert network support teams of any suspicious activities.

## **Complete Document & Multi-Media Management Information System**

Upgrades the technology infrastructure upgrade to support the needs of document and multi-media management. This includes improved data storage, software for electronic information management, OCR capabilities, and appropriate hardware for high speed scanning.

# IM Strategic Plan Narratives

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### **NEW IM SERVICES**

# IM Strategic Plan Narratives

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# IM Strategic Plan Narratives

## Budget Formulation Package

Version 1.0

### Description

Supports the SC HQ budget formulation process by maintaining budget summary information and linkage to budget execution information where associations are relevant. Also provides capabilities that support the SC HQ budget formulation decision-making process. The Joint Application Development/Rapid Application development (i.e., JAD/RAD) participants for this development effort will determine whether and how this version should be phased.

Capability	Description
<b>Manage formulation appeals</b>	Record revised funding amounts related to the appeal and associated justification reasons (i.e., narrative appeal).
<b>Record final budget decisions</b>	Enable review of funding amounts by SC management and financial management personnel. Record final decisions on funding amounts.
<b>Manage budget scenarios*</b>	Calculate and record multiple funding decision recommendations (associated with different assumptions) for each element of the budget. Match funding requests to available funds. This includes a "what if" capability.
<b>Manage to budget constraints*</b>	View "deltas" between control numbers and sums of budget amounts while modifying the latter.
<b>Record lab/institution funding decisions*</b>	Reference funding data for proposed work associated with a proposal by a lab or institution (FWPs, grant applications, etc.). Records modified funding decisions resulting from programmatic oversight actions. Provides electronic notice and/or view access to funding decisions for labs and institutions.
<b>Record program budget formulation</b>	Develop schedules for formulating program planning budgets, including multi-level scenarios.
<b>Maintain B&amp;R Code Structure*</b>	Provide the capability to create and manage B&R codes.
<b>Multi-task Budget Input*</b>	Allow program offices to split worksheets for updating by multiple sources.
<b>Issue Program / Reissue Office Guidance</b>	Issue Program/Reissue Office Guidance used to guide the formulation of the Program Office budget.
<b>Link programmatic / financial guidance</b>	Enable linking of guidance information to previous guidance's and/or similar guidance.
<b>Maintain budget code structure</b>	Cross cut schemes and other budget formulas for preparing comparative information. Enable preparation of cross cuts and other budget presentations and analyses. This includes program area code maintenance.
<b>Prepare budget justifications</b>	Enter justification narrative associated with budget amounts.

\* Capabilities shared between Budget Formulation Package and Budget Execution Package.

### Prerequisites

- Management Package 1.0

# IM Strategic Plan Narratives

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- Reference Package 1.1
- Reference Package 2.0

## **Dependents**

- Budget Execution 1.0

## **Related Business Activities**

- Collect Budget Input
- Determine Funding Targets
- Justify Funding Distributions
- Prepare Budget Request
- Resolve Competing Programmatic Priorities

# IM Strategic Plan Narratives

## Budget Execution Package

Version 1.0

### Description

Supports the SC HQ budget execution process by maintaining budget summary information and linkage to budget formulation information where associations are relevant. Also provides capabilities that support the SC HQ budget execution decision-making process. The Joint Application Development/Rapid Application development (i.e., JAD/RAD) participants for this development effort will determine whether and how this version should be phased.

Capability	Description
<b>Manage execution appeals</b>	Record revised funding amounts related to the appeal and associated justification reasons (i.e., narrative appeal).
<b>Manage to budget constraints*</b>	View "deltas" between control numbers and sums of budget amounts while modifying the latter.
<b>Manage budget scenarios*</b>	Calculate and record multiple funding decision recommendations (associated with different assumptions) for each element of the budget. Match funding requests to available funds.
<b>Record lab / institution funding decisions*</b>	Reference funding data for proposed work associated with a proposal by a lab or institution (FWPs, grant applications, etc.). Records modified funding decisions resulting from programmatic oversight actions. Provides electronic notice and/or view access to funding decisions for labs and institutions.
<b>Record program budget execution</b>	Develop schedules for executing program budgets, preparing AFPs, preparing other work authorizations, performing reconciliation's, and preparing appeals.
<b>Maintain B&amp;R Code Structure*</b>	Provide the capability to create and manage B&R codes.
<b>Record guidance</b>	Record programmatic decisions and financial controls resulting from programmatic oversight.
<b>Multi-task Budget Input*</b>	Allow program offices to split worksheets for updating by multiple sources.

\* Capabilities shared between Budget Formulation Package and Budget Execution Package.

### Prerequisites

- Budget Formulation Package 1.0
- Management Package 1.0
- Reference Package 1.1
- Reference Package 2.0

### Dependents

- None

### Related Business Activities

- Collect Budget Input
- Determine Funding Targets
- Justify Funding Distributions
- Prepare Budget Request
- Resolve Competing Programmatic Priorities

# IM Strategic Plan Narratives

## Execution Work Management Package

Version 1.2

### Description

Supports the SC HQ grants and Field Work Proposals (FWP) processes by organizing and tracking information about grants, proposals, and abstracts.

Capability	Description
<b>Manages AFP processing for Grants</b>	For grants only, record the submission of and maintain information on recommendations for approval for new supplemental lab projects and new, renewal, continuation, or supplemental grants, cooperative agreements, interagency agreements, and contracts.
<b>Record abstract Information for Grants</b>	For grants only, collect key information on proposal: scope, work approach, cost, exceptions to solicitation.
<b>Provide electronic forms</b>	Provide format and forms necessary for submission of proposals in electronic format, including via a WEB site.
<b>Control access for FWPs</b>	Manage access to recommendation capability to specific program manager and program assistant personnel in SC program offices.
<b>Provide analytical reporting for FWPs</b>	Provide cross cut, summary, and other reporting capabilities.
<b>Record abstract Information for FWPs</b>	Collect key information on proposal: scope, work approach, cost, exceptions to solicitation.
<b>Record Proposal changes for FWPs</b>	Record times, originator, and other information on amendments, modifications, cancellation, and other events.
<b>Acknowledge receipt for FWPs</b>	Acknowledge receipt to sending institution or person. Acknowledgment information (date, time, applicable program area, project, etc.) included. Enable electronic acknowledgement.
<b>Manages AFP processing for FWPs</b>	Record the submission of and maintains information on recommendations for approval for new or supplemental lab projects and new, renewal, continuation, or supplemental grants, cooperative agreements, interagency agreements, and contracts.
<b>Produce tabular Attachments for FWPs</b>	Generate attachments to program letters detailing the AFP, for labs and operations offices.

### Prerequisites

- None

### Dependents

- Execution Work Management Package 2.0
- Execution Work Management Package 3.0
- Execution Work Management Package 3.1

### Related Business Activities

- Issue Solicitation
- Receive Proposal (FWPs)
- Authorize Work (FWPs)
- Award Work (FWPs)



# IM Strategic Plan Narratives

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## Execution Work Management Package

Version 2.0

### Description

Supports the SC HQ grants and Field Work Proposals (FWP) processes by issuing and maintaining information on review and selection data based on grants and proposals.

Capability	Description
<b>Provide electronic forms</b>	Provide format and forms necessary for submission of proposals in electronic format, including via a WEB site.
<b>Record changes to work</b>	Record changes to the baseline work information resulting from project/program oversight actions.
<b>Record evaluation results</b>	Collect reviewer's findings; relate to specific proposed or funded work. Enter evaluations for proposed or funded work
<b>Record funded work</b>	Maintain identification, description, performer, and other data about work that has been funded. Maintain a baseline information set for the funded work.
<b>Record reviewers</b>	Record information on selected reviewers person id, area of expertise, etc.
<b>Score competing proposed work</b>	Compare scores from reviewers for proposed work against other comparable, competing proposed work, and/or predefined thresholds.

### Prerequisites

- Execution Work Management Package 1.2
- Reference Package 1.1

### Dependents

- Execution Work Management Package 3.0
- Execution Work Management Package 3.1

### Related Business Activities

- Review Proposal
- Select Proposal
- Receive Proposal (FWP)
- Authorize Work (FWP)
- Award Work (FWP)

# IM Strategic Plan Narratives

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## Execution Work Management Package

Version 3.0

### Description

Supports the SC HQ grants and Field Work Proposals (FWP) processes by providing additional mechanisms for releasing and receiving proposals.

Capability	Description
<b>Electronic Review</b>	Facilitate electronic file transfer and review assignment for proposal/FWP review.
<b>Enable electronic distribution</b>	Communicate electronically with Commerce Business Daily and other publications for release of solicitations.
<b>Receive Proposal</b>	Provide multiple mechanisms for receiving proposals including electronic, WEB, EDI, and paper (hard copy).

### Prerequisites

- Execution Work Management Package 1.2
- Execution Work Management Package 2.0
- Management Package 1.0
- Reference Package 1.1
- Reference Package 2.0

### Dependents

- Execution Work Management Package 3.1

### Related Business Activities

- Receive Proposal

# IM Strategic Plan Narratives

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## Execution Work Management Package

Version 3.1

### Description

Supports the SC HQS grants and FWP processes by tracking progress of SC funded work.

Capability	Description
<b>Final Report Approval</b>	Provide the ability to receive, record, and designate approval or disapproval of final reports submitted by institutions.
<b>Issue Initiation</b>	Provide the ability to create and track issues associated with a progress report.
<b>Oversight Actions</b>	Provide the ability to create, record, and track oversight actions.
<b>Progress Reports</b>	Receive and record progress for SC funded work.

### Prerequisites

- Execution Work Management Package 1.2
- Execution Work Management Package 2.0
- Execution Work Management Package 3.0
- Management Package 1.0
- Reference Package 1.1
- Reference Package 2.0

### Dependents

- None

### Related Business Activities

- Oversee Work

# IM Strategic Plan Narratives

## Human Resources Package

Version 1.0

### Description

Supports SC HQ management of human resources by maintaining information on SC-related committees and SC sponsored awards. (These capabilities are currently not provided by CHRIS.)

Capability	Description
<b>Record recipient information</b>	Maintain basic identification information on award recipients (e.g. name, nationality, award time, etc.).
<b>Record SC non-scientific award description</b>	Maintain information that describes each non-scientific award that is sponsored by SC: name, type (monetary, non monetary), purpose, frequency, constraints, etc.
<b>Record SC scientific award description information</b>	Maintain information that describes each scientific award that is sponsored by SC: name, type (monetary, non monetary), purpose, frequency, constraints, etc.
<b>Record and maintain committee information</b>	Maintain information about SC-related committees, including the name, type of committee, charter (text), organizing authority, dates, etc. Includes advisory committees.
<b>Record committee membership</b>	Maintain information on committee membership (SC employees and other persons) and roles.

### Prerequisites

- Management Package 1.0
- Management Package 2.0
- Management Package 3.0
- Management Package 4.0
- Reference Package 1.1
- Reference Package 2.0
- Support Services Package 1.1
- Support Services Package 2.0

### Dependents

- Human Resources Package 2.0

### Related Business Activities

- Contribute to DOE Initiatives
- Evaluate Goal Achievement
- Identify Opportunities for Research Programs
- Evaluate Staff

# IM Strategic Plan Narratives

## Human Resources Package

Version 2.0

### Description

Supports SC HQ management of human resources by maintaining information on training classes, workforce impacts, and human resource actions. (These capabilities are currently not provided by CHRIS.)

Capability	Description
<b>Determine workforce impacts</b>	Quantify the impact to the composition and size of SC's workforce using "what if" analyses.
<b>Maintain class information</b>	Maintain information about specific classes including when and where the class is offered, the instructor, and class size and any special requirements.
<b>Record external course information</b>	Record references or abstracts about external training sources.
<b>Track HR actions</b>	Record activity information (dates, type of action) of human resources (HR) actions such as performance evaluation, training, IDP, retirement, etc. Issue tickler information for past or upcoming HR events.

### Prerequisites

- Human Resources Package 1.0
- Management Package 1.0
- Management Package 2.0
- Management Package 3.0
- Management Package 4.0
- Reference Package 1.1
- Reference Package 2.0
- Support Services Package 1.1
- Support Services Package 2.0

### Dependents

- Program Direction Package 1.0

### Related Business Activities

- Fill Vacant Positions
- Investigate Accidents and Injuries to SC Employees
- Organize Training
- Develop Workforce Requirements
- Design SC's Organization

# IM Strategic Plan Narratives

## Intranet Package

Version 2.0

### Description

(to be delivered in September, 2001) Will provide each user a personalized web-based portal (i.e., a window or view) of the SC corporate information needed to do his or her job. Also will provide for easy access across all SC locations to SC corporate information using a secure SC Intranet web interface. Intranet Package 2.0 will augment 1.0 with the capabilities listed below.

Capability	Description
<b>Publishing Capability</b>	Provide the ability to publish and subscribe to enterprise information.
<b>News Channels</b>	Provide links to pertinent news sources such as CNN scientific headlines, MSNBC, etc.
<b>Workflow Capability</b>	Provide enhanced workflow capabilities.
<b>Projects Management</b>	Provide the user with enhanced document / object / task management features.
<b>Field Office Integration</b>	Provide capabilities for field office access to specific business activities and enterprise information.
<b>SC Support Center Applix Web Access</b>	Enhance general IM management and communication.
<b>Access Web-Enabled Applications</b>	Provide access to web-enabled enterprise applications.
<b>Solicitations</b>	Provide access to current DOE SC solicitations.
<b>Grants Application Policies</b>	Provide access to DOE SC grant application policies
<b>Video Streaming</b>	Provide ability to host and access video
<b>Organization Specific</b>	Provide messaging related to organization specific information within an organization. Examples include the publishing of space planning services, office layouts.
<b>Organization Charts</b>	Provide access to organizational charts and general information.
<b>Travel/Map/Transportation Services</b>	Provides capability to access travel information.
<b>Support Document Management</b>	Provide access to enterprise document management functions.
<b>Support Records Management</b>	Provide access to future enterprise records management functions.
<b>Access Web-Enabled Applications</b>	Provide access to web-enabled enterprise employee phonebook.

### Prerequisites

- None

# IM Strategic Plan Narratives

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## **Dependents**

- Intranet Package 3.0

## **Related Business Activities**

- Access to all business activities through infrastructure and access methodology

# IM Strategic Plan Narratives

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## Intranet Package

Version 3.0

### Description

Intranet Package 1.0 (to be delivered in September, 2001) will provide each user a personalized web-based portal (i.e., a window or view) of the SC corporate information needed to do his or her job. Also will provide for easy access across all SC locations to SC corporate information using a secure SC Intranet web interface. Intranet Package 3.0 will augment 1.0 with the capabilities listed below.

Capability	Description
<b>Access Web-Enabled Applications</b>	Provide access to web-enabled enterprise applications.
<b>Peer Reviews</b>	Provide the capability to remotely receive/submit electronic reviews of proposals and other information.
<b>Project Management</b>	Provide the enhanced capability to manage project information in folders that are embedded within the portal.
<b>Synchronous Collaboration Applications</b>	Provide capabilities to access electronic chat, white boarding, and electronic meeting technologies.

### Prerequisites

- Intranet Package 2.0

### Dependents

- None

### Related Business Activities

- Access to all business activities through infrastructure and access methodology



# IM Strategic Plan Narratives

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## Management Package

Version 1.0

### Description

Supports the establishment of SC's research direction by recording information on scientific opportunities and programs.

Capability	Description
<b>Record opportunities for scientific programs</b>	Record basic information about scientific opportunities. Basic information includes source (e.g. reports of scientific progress), program area and description of new scientific opportunities for SC programs.
<b>Record proposed programs and research opps</b>	Provide identifier (type, source, SC organizational unit, etc.) and description information (objectives, scope, anticipated results, schedule, etc.) about programs and scientific opportunities.

### Prerequisites

- None

### Dependents

- Budget Execution Package 1.0
- Budget Formulation Package 1.0
- Execution Work Management Package 3.0
- Execution Work Management Package 3.1
- Human Resources Package 1.0
- Human Resources Package 2.0
- Management Package 2.0
- Management Package 3.0
- Management Package 4.0
- Reference Package 2.0
- Support Services Package 2.0
- Support Services Package 3.0

### Related Business Activities

- Establish Strategic Plan
- Identify Opportunities for Research Programs

# IM Strategic Plan Narratives

## Management Package

Version 2.0

### Description

Supports the management and response to queries submitted to SC HQ.

Capability	Description
<b>Access position/opinions</b>	Access position/opinion information on WEB sites, electronic files maintained by labs, institutions, etc. Search for opinion/position information based on keywords, times, source and other criteria. Determine format of response Determine format of response based on request attributes. .
<b>Determine responsible SC office/person</b>	Determine responsible SC office /person based on key attributes of the information request.
<b>Maintain SC opinion/position Information</b>	Record SC opinion and position information by source, subject matter, date, and other criteria.
<b>Provide processing status information</b>	Provide information related to the status of an information request.
<b>Record official responses to information requests</b>	Record previous official responses to information requests and queries, including Congressional Q & A's.
<b>Service information requests</b>	Receive request and record basic information such as source, date, time, and subject area.

### Prerequisites

- Management Package 1.0
- Reference Package 1.1
- Reference Package 2.0
- Support Services Package 1.1
- Support Services Package 2.0

### Dependents

- Management Package 3.0
- Management Package 4.0
- Human Resources Package 1.0
- Human Resources Package 2.0

### Related Business Activities

- Log Communications
- Respond to Queries
- Advocate SC

# IM Strategic Plan Narratives

## Management Package

Version 3.0

### Description

Supports the establishment of SC's research direction by recording information on strategic goal achievement.

Capability	Description
<b>Establish relationship scheme</b>	Define and maintain scheme for linking lower level (tactical) goals to higher level (strategic) goals.
<b>Import accounting data from CFO systems.</b>	Import actual obligations and costs from CFO systems.
<b>Match CFO and SC funding</b>	Compare CFO financial data against SC funding recommendation. Calculate discrepancies.
<b>Record adjustments</b>	Record adjusting entries (i.e. times, amounts, original entry).
<b>Record implementation goals</b>	Collect information on SC's implementation plans, cooperative agreements, facility, and project plans.
<b>Record performance measures</b>	Record specific metrics (e.g. number of sub tasks completed, amount of budget consumed, number of scientific articles published) to be used in establishing performance measurements. Relate metrics to goals. Maintain metrics and relationships.
<b>Record status information</b>	Record status information based on metrics for each goal. Monitor status information collection (e.g. provide tickler reports to highlight missing status information)
<b>Record strategic goals</b>	Maintain information on SC's strategic goals. Update the goal information.
<b>Redistribute uncommitted balances</b>	Calculate distribution of uncommitted balances using pre-defined or selected criteria. Track uncommitted balances. Calculate uncommitted balances.

### Prerequisites

- Human Resources Package 1.0
- Human Resources Package 2.0
- Management Package 1.0
- Management Package 2.0
- Reference Package 1.1
- Reference Package 2.0
- Support Services Package 1.1
- Support Services Package 2.0

### Dependents

- Management Package 4.0

# IM Strategic Plan Narratives

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## **Related Business Activities**

- Evaluate Goal Achievement

# IM Strategic Plan Narratives

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## Management Package

Version 4.0

### Description

Supports the establishment of SC's research direction by maintaining information on outreach products, and providing for the performance of statistical analysis on them.

Capability	Description
<b>Establish outreach profile information</b>	Maintain profile information (e.g. purpose, target audience, effective dates, etc.) for each outreach product. Provide an electronic catalog of outreach products on DOE/SC home page.
<b>Record outreach product indicators</b>	Maintain outreach product indicator information: number of products distributed/used, number of recipients, customer survey, etc. Enable statistical analysis of outreach products (e.g., trending, population reached).

### Prerequisites

- Management Package 1.0
- Management Package 2.0
- Management Package 3.0
- Reference Package 1.1
- Reference Package 2.0
- Support Services Package 1.1
- Support Services Package 2.0

### Dependents

- Human Resources Package 1.0
- Human Resources Package 2.0

### Related Business Activities

- Recognize Scientific Achievements
- Establish Strategic Plan
- Identify Opportunities for Research Programs
- Advocate SC
- Respond to Queries

# IM Strategic Plan Narratives

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## Program Direction

Version 1.0

### Description

Supports the SC HQ program direction budget process by maintaining summary information to help manage day-to-day operations. The capabilities listed below will be reviewed, changed,, and augmented based on planned discussions between SC65 and SC62. Until these discussions are held, this version acts as a placeholder in the IM Strategic Plan.

Capability	Description
<b>Enable program review of FTE amounts</b>	Provide for program office review of FTE amounts and record recommended FTE amounts or changes.
<b>Prepare FTE justifications</b>	Enter justification narrative associated with FTE amounts.
<b>Record control figures</b>	Record FTE allocations and budget appropriations, apportionments, and different levels of "control" amounts within specific program areas (including cross cuts) that represent DOE, SC, and program office guidance.
<b>Record final FTE decisions</b>	Enable review of funding amounts by SC management and financial management personnel. Record final decisions on FTE amounts.
<b>Record FTE information</b>	Record FTE information by fiscal year, B&R code, program area, and organization unit.
<b>Budget formulation and execution</b>	Enable "Budget Execution" and "Budget Formulation" functions for program direction activities.

### Prerequisites

- Reference 2.0
- Reference Package 1.1
- Support Services Package 1.1
- Human Resources Package 1.0
- Budget Formulation Package 1.0
- Budget Execution Package 1.0

### Dependents

- None

### Related Business Activities

- Collect Budget Input
- Determine Funding Targets
- Justify Funding Distributions
- Prepare Budget Request

# IM Strategic Plan Narratives

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## Reference Package

Version 1.1

### Description

Supports all SC HQ business activities by maintaining guidance and regulatory information.

Capability	Description
<b>Add / Edit a Sub Work Element</b>	Provides the capability to enter base information related to a sub work element.
<b>Link guidance items</b>	Provides capability that allows one guidance item to refer to another and to access the referenced item.
<b>Record guidance profile</b>	Record profile information which identifies the type of guidance, the author, authorizing information, document identifiers, and the location of the guidance, if external to SC.
<b>Search guidance</b>	Enable search for internal guidances based on topics and words contained within the guidance items. Includes search of external guidance available on the WEB and other media. Add / edit a sub work element. Provide the capability to enter base information related to a sub work element.

### Prerequisites

- None

### Dependents

- Budget Execution Package 1.0
- Budget Formulation Package 1.0
- Execution Work Management Package 2.0
- Execution Work Management Package 3.0
- Execution Work Management Package 3.1
- Human Resources Package 1.0
- Human Resources Package 2.0
- Management Package 2.0
- Management Package 3.0
- Management Package 4.0
- Reference Package 2.0
- Support Services Package 1.1
- Support Services Package 2.0
- Support Services Package 3.0

### Related Business Activities

- Supports all Business Activities

# IM Strategic Plan Narratives

## Reference Package

Version 2.0

### Description

Supports all SC HQ business activities by providing for the maintenance of additional reference information as needed (see examples below).

Capability	Description
This package version will provide for the storage and maintenance of other data storage within the IMSC data store. These fields may be sparsely populated, or recorded only where available. These fields will also be used as reference in other locations within IMSC where applicable. Some examples of these fields are described below:	
Categorize expertise information	Maintain code structure for classifying expertise. Provide a thesaurus of subject matter expertise areas to facilitate use of expertise information.
Classify facilities	Maintain a coding structure for classifying facilities.
Define a skill	Record characteristics derived from facts and statistics on previous work, educational background, professional affiliations, and publications produced that combined determine the qualification of a person to perform an SC activity.
Indicate position status	Maintain information about the status of each position. Status indicators include open, filled, etc.
Maintain person expertise information	Link person to expertise. Provide multiple view paths such as by subject matter area, education, previous participation on SC committee, etc.
Record position information	Maintain information on SC's positions. Information includes: type of position, organization unit indicator, title, duties, responsibilities, KSA indicators, etc.
Record research facility information	Maintain basic information on research facilities: related program area or project, physical attributes such as area, security, dates (e.g. date constructed, retired, etc). Indicate facility status.

### Prerequisites

- Reference Package 1.1

### Dependents

- Budget Execution Package 1.0
- Budget Formulation Package 1.0
- Execution Work Management Package 3.0
- Execution Work Management Package 3.1
- Human Resources Package 1.0
- Human Resources Package 2.0
- Management Package 2.0
- Management Package 3.0
- Management Package 4.0
- Reference Package 2.0
- Support Services Package 2.0
- Support Services Package 3.0



# IM Strategic Plan Narratives

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## **Related Business Activities**

- Supports all Business Activities

# IM Strategic Plan Narratives

## Support Services Package

Version 1.1

### Description

Supports SC HQ support service responsibilities by managing SC's concurrence process and procedures.

Capability	Description
<b>Control changes</b>	Control authorization of SC employees to enter and update procedure information. Record update information (time, originator, etc.) for audit trail purposes.
<b>Determine concurrence routing</b>	Provide for ad hoc concurrence routes.
<b>Provide electronic signature</b>	Attach digital/electronic signature blocks within the routing chain. Record and maintain authority levels for different types of information.
<b>Store procedure description</b>	Store procedure description (e.g., definition of each step, the role and responsibility for performing the step, and the previous and next step in the process chain). Administrative (e.g. travel), program (e.g. grant processing), and financial (e.g. procurement) procedures are included.
<b>Store procedure profile information</b>	Store profile information (identifier, source, authority, effective time) for each procedure. Maintain a catalog of SC procedures.
<b>Track concurrence status</b>	Record status as item is processed along the concurrence chain.
<b>Track version number</b>	Maintain sequential number reflecting version of item subject to concurrence.

### Prerequisites

- Reference Package 1.1

### Dependents

- Human Resources Package 1.0
- Human Resources Package 2.0
- Management Package 2.0
- Management Package 3.0
- Management Package 4.0
- Support Services Package 2.0
- Support Services Package 3.0

### Related Business Activities

- Manage the Concurrence Process
- Set Operational Guidelines
- Evaluate Staff
- Manage Document Preparation and Distribution
- Manage Records
- Manage the Concurrence Process

# IM Strategic Plan Narratives

## Support Services Package

Version 2.0

### Description

Supports SC HQ support service responsibilities by providing for the storage and retrieval of documents and by recording contact information.

Capability	Description
<b>Establish profile information</b>	Record profile information such as unique document identifier, medium, location, author, security indicator, and version.
<b>Record contact content information</b>	Record information on the subject and results (i.e. action items) of the contact. Relate the subject and results to a work activity.
<b>Record contact information</b>	Record information about the person or institution contacted: name, position, etc. and reason for contact (i.e. work identifier indicating contact work activity).
<b>Record RIDS actions</b>	Record information related to times that RIDS actions were taken (record/document entered into inventory, sent to storage location or destroyed). Prepare departmental RIDS reports.
<b>Retrieve document.</b>	Retrieve document in a view that is specified by the user. Support for multiple formats: word processing, various image formats, electronic forms, spreadsheet, voice, video, etc.
<b>Store document</b>	Store each type of document. Support for multiple formats: word processing, various image formats, electronic forms, spreadsheet, project management software, voice, video, etc.

### Prerequisites

- Support Services Package 1.1
- Reference Package 1.1
- Reference Package 2.0

### Dependents

- Support Services Package 3.0
- Human Resources Package 1.0
- Human Resources Package 2.0
- Management Package 2.0
- Management Package 3.0
- Management Packag3 4.0

### Related Business Activities

- Manage Document Preparation and Distribution
- Manage Records
- Log Communications

# IM Strategic Plan Narratives

## Support Services Package

Version 3.0

### Description

Supports SC HQ support service responsibilities by managing office equipment, tracking work assignments, and managing meeting resources and logistics.

Capability	Description
<b>Capture resource status</b>	Capture resource status (e.g., in service, unavailable) information.
<b>Capture usage information</b>	Capture usage information (e.g., time, user) for each resource.
<b>Communicate employee work and event schedule</b>	Transmit work and event schedule to employee.
<b>Record assigned employee</b>	Maintain information on the employee assigned to the task: name, position, SC organization, etc.
<b>Record assignment</b>	Record information (person, office number, etc.) on the assignment of a piece of equipment to a person or organizational unit. Maintain assignment information (e.g. update as a result of a move).
<b>Record description of equipment</b>	Record the physical description of SC owned equipment. Provide a unique identifier for each piece of equipment.
<b>Record inventory actions</b>	Collect information on actions (e.g. entry into SC inventory, disposal, return to central warehouse, sent for repair, etc.) taken related to a piece of equipment or other asset.
<b>Record resource description</b>	Maintain description of the meeting resources: meeting rooms (e.g., layout), equipment (PC installed, projector, LAN connections, etc.), and communications (telephone, video conference, speaker phones, etc.).
<b>Record times</b>	Record times including task schedule (begin and ending dates, milestone dates) and any changes to task schedule.
<b>Record work status information</b>	Maintain standard work status conditions. Issue tickler to alert supervisor and employee as to status and upcoming events.
<b>Records assigned tasks</b>	Maintain information on each assigned task: task name, task description, end result, originating organization/person, etc.
<b>Service information requests</b>	Record requests for meeting logistics information (description, location, availability, etc.). Match against resource records to determine availability of resource. Record request disposition (e.g., approved, canceled, etc.).
<b>View inventory</b>	Create multiple views for inventory information (e.g. facility, person, type of equipment).
<b>View scheduled work</b>	View employee(s) schedule and task. This capability includes cross cut by employee or task, summary by organizational unit or task, task status, etc.
<b>Record materials exchange data</b>	Track information regarding excess materials that are available or are needed within DOE.

# IM Strategic Plan Narratives

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## **Prerequisites**

- Reference Package 1.1
- Reference Package 2.0
- Support Services Package 1.1
- Support Services Package 2.0

## **Dependents**

- None

## **Related Business Activities**

- Arrange Meeting Logistics
- Program Work
- Manage HQ Facilities and Office Equipment

# IM Strategic Plan Narratives

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## Streaming Media Support

### Description

Upgrades the LAN infrastructure storage throughout, and high speed processing needed for streaming media publishing. Specifically, this need is to address the possibility of providing conferences and meetings live and delayed via the Internet.

### Prerequisites

- None

### Dependents

- None

# IM Strategic Plan Narratives

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## Internal HQ DOE Conference Facilities Upgrade

### Description

Upgrades the conference facilities on DOE HQ properties to that of commercially available facilities. This includes broadband network capability for all devices, presentation facilities (video, computer, audio), etc.

### Prerequisites

- None

### Dependents

- None

# IM Strategic Plan Narratives

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## Evaluate Desktop Conferencing

### Description

Evaluates desktop conferencing facilities for SC users. This is low end capability on the users desktop to include chat, whiteboard, voice and video capabilities to points both internal and external. Evaluation would result in a suggested implementation plan (to be integrated into the Strategic Plan update or submitted to the IM Board for immediate consideration), or a position that the technology is not yet ready to be implemented.

### Prerequisites

- None

### Dependents

- None



# IM Strategic Plan Narratives

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## Evaluate Voice Recognition in Applications R&D

### **Description**

Evaluates the current capabilities that would provide integration of voice recognition and commands in applications being developed in-house as an alternative input device. Evaluation would result in a suggested integration plan (to be integrated into the Strategic Plan update or submitted to the IM Board for immediate consideration), or a position that the technology is not yet ready to be integrated.

### **Prerequisites**

- None

# IM Strategic Plan Narratives

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## Evaluate Unified Messaging Across SC R&D

### Description

Evaluates the current capabilities that would provide unified messaging for SC users. Unified messaging would provide access to all messages via voice or email (i.e. listen to email or check voice mail in your e-mail). Evaluation would result in a suggested implementation plan (to be integrated into the Strategic Plan update or submitted to the IM Board for immediate consideration), or a position that the technology is not yet ready to be implemented.

### Prerequisites

- None

### Dependents

- None

# IM Strategic Plan Narratives

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## SC Site Information Architecture

### **Description**

Develops and implements an information architecture at an SC site.

### **Prerequisites**

- None

### **Dependents**

- None

# IM Strategic Plan Narratives

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### **FY02-03 Dependent Technology Projects**

# IM Strategic Plan Narratives

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# IM Strategic Plan Narratives

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## Windows 2000 Server Upgrade

### Description

Upgrading the network servers to Windows 2000 operating system will facilitate infrastructure upgrades necessary to take advantage of the operating systems advances in 1) increased reliability and scalability, 2) reduced costs through improved end-to-end management capabilities, and 3) comprehensive Internet and applications support.

### Prerequisites

- MS Active Directory

### Dependents:

- MS Exchange Upgrade
- Remote Access Upgrade

### Related Business Activities

Supports all SC business activities.

### Justification

The wide-ranging requirements of the Office of Science for IM services requires the most robust, up-to-date, and widely supported network operating system available, namely Windows 2000. This network OS is fundamental for SC's long-term technology strategies. Despite the name change, Windows 2000 is in fact a direct upgrade to Windows NT 4.0, which has long been in use in SC and which in FY 2000 has been installed as the operating system on all SC network server equipment. Most importantly, Windows 2000 supports Active Directory, the directory services system that will promote unified access and single log-in to network services, substantially increase the security of network access, and improve network management and monitoring. Secondly, all custom database systems, including IMSC, the Intranet Package(s), e-mail, and the major legacy systems, will benefit from the enhanced reliability and security offered by a Windows 2000 platform. The upgrade also contains the infrastructure needed to fully support upgrades to desktop authoring tools, including the document processor, the spreadsheet system, and so forth. Advanced services such as the infrastructure for remote access, hosting of Web sites, document management, and hosting and distribution of streaming media, all require the upgrade features of Windows 2000. Furthermore, the continuing evolution of server hardware requires the most current network OS in order to function efficiently.

## Decision Support Services

### Description

Implement On Line Analytical Processing (OLAP) decision support system features. All IMSC services are dependant on the implementation of advanced database capabilities and the addition of meta data based relationship based querying and processing.

### Prerequisites

- None

### Dependents:

- None

### Related Business Activities

Supports all SC business activities.

### Justification

The design of IMSC as a corporate information store makes it a leading candidate as the cornerstone element in an SC decision support system (DSS). The introduction of the Intranet Package(s) also facilitates the use of such DSS activities as data warehousing, data mining, and automated search of enterprise data with “what if” scenarios. No system currently supports high-level management directly with such summary information as a DSS can provide.



## MS Exchange Upgrade

### Description

Upgrades the e-mail server software. This will provide increased reliability, increased interoperability with other desktop software, implementation of new storage facilities (web based), and enhance the web-based access to facilities to include mail and calendars. Implementation of some of the collaboration and work flow based processes are dependant on this upgrade.

### Prerequisites

- Windows 2000 Server Upgrade
- MS Active Directory

### Dependents:

- None

### Related Business Activities

Supports all SC business activities.

### Justification

Advanced features of the upgrade to Microsoft Exchange include instant messaging, complete integration with MS Windows 2000 and MS Active Directory (the unified directory services system based on the network operating system), improved security for e-mail and messaging, unified e-mail administration, better service to multiple e-mail clients (such as MS Outlook, Web-based e-mail access, etc.), system redundancy for more up-time and better reliability, and monitoring of MS Exchange servers. End-user improvements include enhanced searching, automated content indexing, automatic launch and/or view of a wide range of file attachment types, multiple clients such as MS Outlook, POP3, Web, MS Office 2000, and Windows Explorer.

# IM Strategic Plan Narratives

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## Remote Access Upgrade

### Description

Upgrades the current remote access solution using one of two options. Option one is to upgrade the Citrix solution to Microsoft terminal server. Option two is to replace the Citrix solution with an MA Virtual Private Network (VPN) solution. Security requirements and the increased need for connectivity to more of the SC HQ standard applications require this upgrade.

### Prerequisites

- MS Active Directory
- Windows 2000 Server Upgrade

### Dependents:

- None

### Related Business Activities

Supports all SC business activities.

### Justification

Specific services must be enhanced to provide for the projected increase in remote access and the use of Web delivery of IMSC and the Intranet Package(s) functionality to SC users. Bandwidth, access ports, automated usage auditing, and similar services are fundamental in providing 24x7 access, data security, and the ability to service remote clients as diverse as laptops, palmtop computers, and cell phones. In addition to using corporate databases, SC staff will look for increased functionality in application servers and in ubiquitous e-mail access, and these enhancements all depend on a "fat" infrastructure to support them.

# IM Strategic Plan Narratives

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## MS Active Directory

### Description

Implements enhanced directory services for SC that are also engineered to provide compatibility with an AD implementation by the CIO at a later date. Features to be provided include single sign on, increased security, and enhanced collaboration facilities.

### Prerequisites

- None

### Dependents:

- Windows 2000 Server Upgrade
- MS Exchange Upgrade
- Remote Access Upgrade

### Related Business Activities

Supports all SC business activities.

### Justification

Directory services touches on all aspects of access rights, security, and communication support at the network level, tying together in one database the control of access to databases, files, and network resources, and the management and auditing of the network. As a result, Active Directory, which requires Windows 2000 to function, is necessary for all matters of network security. It also enables "single log-in" to major database applications such as IMSC and FMIS, which will facilitate their use by SC staff members. Active Directory handles network-level messaging and controls users accessing SC systems remotely, particularly those systems that are accessed via the Web, which includes IMSC and the Intranet Package(s).

## Performance Measure Initiation

### Description

Implements performance measures across the SC infrastructure to provide better analysis, design, and troubleshooting information. The continued increase in performance in information management requires that we be able to monitor the performance of all aspects of the network and systems architecture. Continued advancement and implementation of advanced technology are dependant on this effort.

### Prerequisites

- None

### Dependents:

- None

### Related Business Activities

Supports all SC business activities.

### Justification

Implementation of performance measures is necessary to provide an objective means of measuring the success of each project, particularly in terms of how well it meets customer needs. This will also help bring the plan into conformance with the Government Performance and Results Act and pertinent sections of the Clinger Cohen Act.

## Research Alternative Devices

### Description

Evaluate alternative devices for SC users. This includes palm computers, tablet computers, wearable computers, etc. A successful research project here will provide an implementation plan for new devices or a position that identifies the SC path for implementation when the devices or technology become more mature or provide more value to the SC user and organization.

### Prerequisites

- Research Wireless Connectivity

### Dependents:

- None

### Related Business Activities

Supports all SC business activities.

### Justification

With this area of information technology not yet fully mature, research is necessary to ensure that SC users will continue to have input and output devices that are practical and useful.

## Research Wireless Connectivity

### Description

Evaluates wireless capabilities that provide enhanced benefits to the SC business model and technology architecture. A successful research project here will provide an implementation plan for wireless connectivity or a position that identifies the SC path for implementation when the technology/security become more mature or provide more value to the SC user and organization.

### Prerequisites

- None

### Dependents:

- Research Alternative Devices

### Related Business Activities

Supports all SC business activities.

### Justification

With this area of information technology not yet fully mature, research is necessary to ensure that communications among SC users and SC applications are reliable, practical, and consistent with interfacing technologies.

## Research XML Infusion

### Description

Formulate a plan for the adoption and integration of XML into the SC infrastructure and development environments. A successful research project here will provide integration and implementation plan or a position that identifies the SC path for the adoption of XML.

### Prerequisites

- None

### Dependents:

- None

### Related Business Activities

Supports all SC business activities.

### Justification

XML is a new technology, and advanced planning and research are necessary to avoid implementation through trial and error.

# IM Strategic Plan Narratives

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## Research MS.NET

### Description

Evaluate the MS.NET framework as it comes out, and standardize the position on when and why to migrate. A successful research project here will provide an adoption and migration plan for new technology or a position that identifies the SC path for implementation when the technology becomes more mature or provides more value to the SC user and organization.

### Prerequisites

- None

### Dependents:

- None

### Related Business Activities

Supports all SC business activities.

### Justification

MS.NET is a new technology, and advanced planning and research are necessary to avoid implementation through trial and error.



## **RETIREMENT/REPLACEMENT/UPDATE PROJECTS**

# IM Strategic Plan Narratives

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# IM Strategic Plan Narratives

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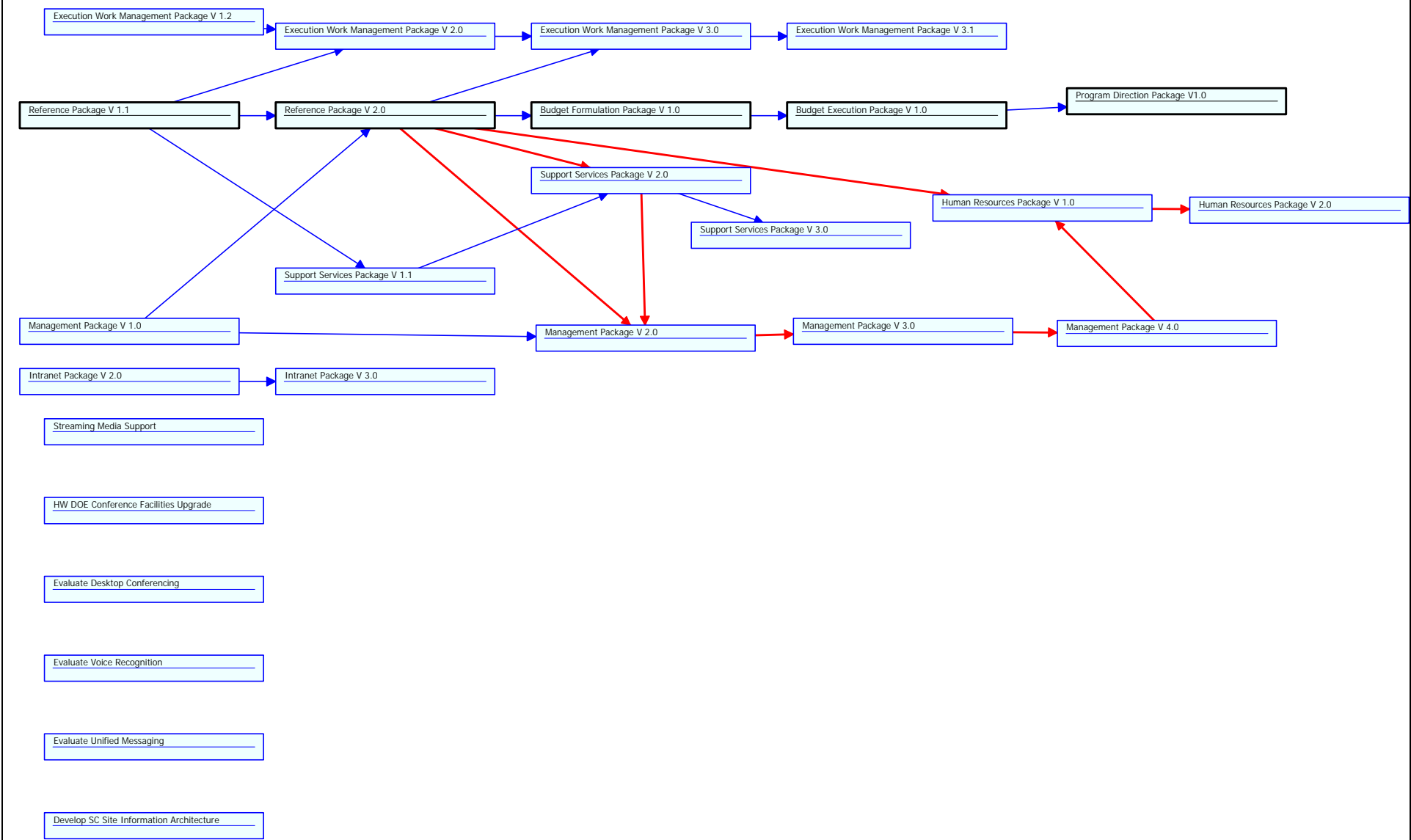
## Retirement/Replacement/Update Projects

### Description

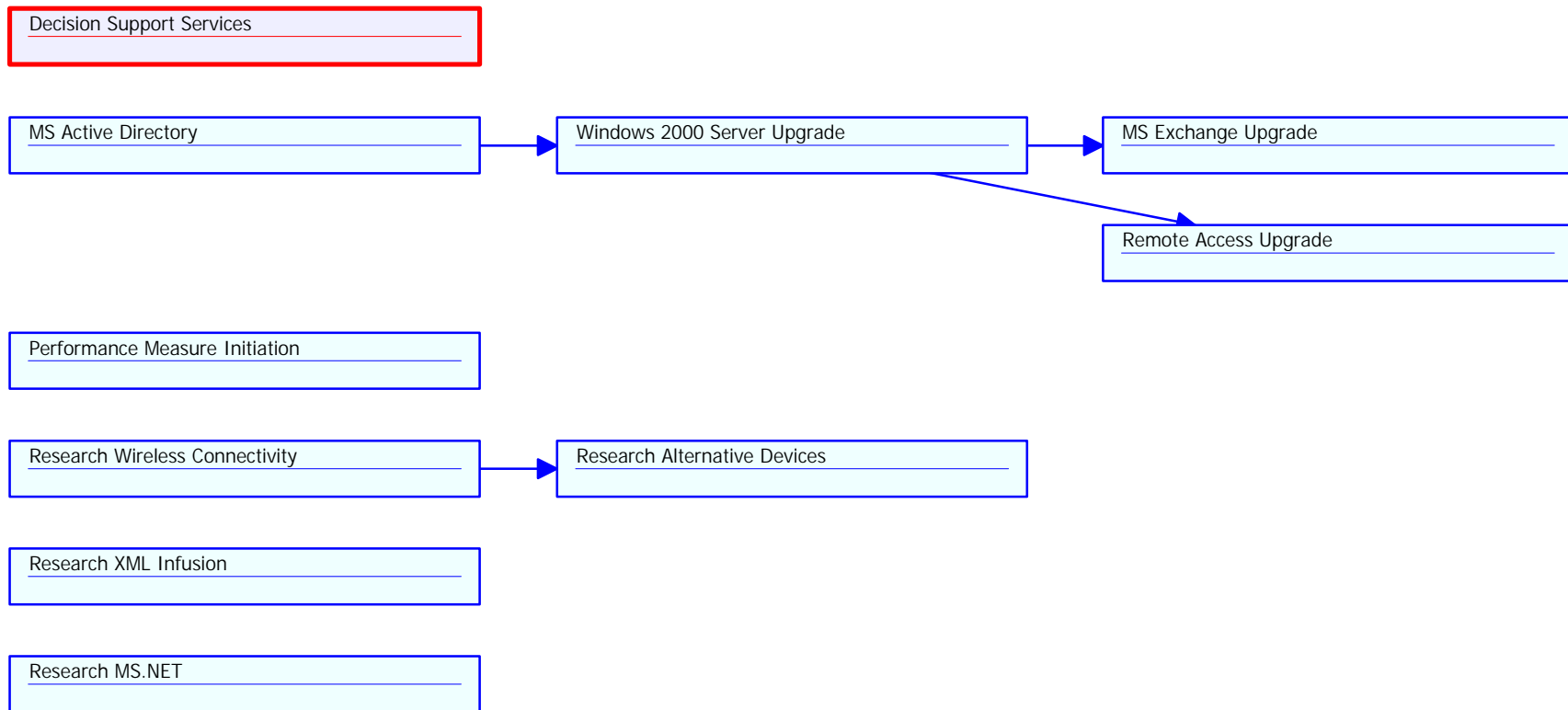
Most of the “New IM Services” are new SC HQ corporate applications. As these new applications are implemented, the potential exists for existing legacy systems to be retired, replaced, or updated. This part of the IM Strategic Plan schedule identifies the existing systems (listed in alphabetical order) that have this potential and links them to the new applications. Using this schedule, SC 65 will initiate discussions with the customer to plan for the possible retirement, replacement, or update of these legacy systems. No system will be retired, replaced, or updated without the approval of the customer.



Dependency Diagram - FY 2002-FY 2003 New IM Services



# Dependency Diagram - FY 2002-FY 2003 Dependent Technology Projects



## Legacy System to New Application Relationships

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Most of the New IM Services are new SC HQ corporate applications. As these new applications are implemented, the potential exists for existing legacy systems to be retired, replaced, or updated. The IM Strategic Plan Schedule identifies the existing systems (listed in alphabetical order) that have this potential and links them to the new applications. The following table provides this same information in an alternative format. Using this schedule, SC-65 will initiate discussions with the customer to plan for the possible retirement, replacement, or update of these legacy systems. No system will be retired, replaced, or updated without the approval of the customer.

<b>Legacy System</b>	<b>New Application</b>	<b>New Application Implementation</b>
ACTION	Support Services Package V 1.1	FY 2003 Q2
APPR	Reference Package V 1.1	FY 2002 Q2
BBOOK	Reference Package V 1.1	FY 2002 Q2
DOCLOG	Support Services Package V 2.0	FY 2004 Q3
DOE-ADDS	Reference Package V 1.1	FY 2002 Q2
DOE-Callup	Intranet Package V 3.0	FY 2003 Q4
DOE-CHRIS	Human Resources Package V 2.0	FY 2006 Q4
DOE-DISCAS	Management Package V 3.0	FY 2005 Q2
DOE-DTIS	Human Resources Package V 2.0	FY 2006 Q4
DOE-EDI	Intranet Package V 3.0	FY 2003 Q4
DOE-EIS	Intranet Package V 3.0	FY 2003 Q4
DOE-EMPRIS	Execution Work Management Package V 2.0	FY 2002 Q4
DOE-ES&HMP	Budget Execution Package V 1.0	FY 2006 Q1
DOE-ESDOCS	Support Services Package V 2.0	FY 2004 Q3
DOE-ETA	Reference Package V 1.1	FY 2002 Q2
DOE-FDS	Intranet Package V 3.0	FY 2003 Q4
DOE-FIMS	Execution Work Management Package V 2.0	FY 2002 Q4
DOE-FINWAREHOUSE	Budget Execution Package V 1.0	FY 2006 Q1
DOE-FTMS	Support Services Package V 3.0	FY 2004 Q3
DOE-GISAFI	Intranet Package V 3.0	FY 2003 Q4
DOE-IMAP	Intranet Package V 3.0	FY 2003 Q4

## Legacy System to New Application Relationships

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DOE-MARS	Intranet Package V 3.0	FY 2003 Q4
DOE-PAMS	Support Services Package V 3.0	FY 2004 Q3
DOE-PAYPERS	Human Resources Package V 2.0	FY 2006 Q4
DOE-R&D	Intranet Package V 3.0	FY 2003 Q4
DOE-TM	Management Package V 3.0	FY 2005 Q2
DTS	Human Resources Package V 2.0	FY 2006 Q4
EPIC	Management Package V 4.0	FY 2006 Q1
ER13GRANT	Budget Execution Package V 1.0	FY 2006 Q1
ER14ALBUDGET	Management Package V 3.0	FY 2005 Q2
ER14ALDBBUDGET	Management Package V 3.0	FY 2005 Q2
ER15GRANT	Execution Work Management Package V 2.0	FY 2002 Q4
ER222BUDGET	Budget Execution Package V 1.0	FY 2006 Q1
ER222HEPBUDGET	Budget Execution Package V 1.0	FY 2006 Q1
ER222RWBUDGET	Management Package V 3.0	FY 2005 Q2
ER222RWBUDGETPLN	Budget Execution Package V 1.0	FY 2006 Q1
ER224HEPWAT	Budget Execution Package V 1.0	FY 2006 Q1
ER22UCIP	Management Package V 3.0	FY 2005 Q2
ER31AMISCFORM	Budget Execution Package V 1.0	FY 2006 Q1
ER32AIL	Support Services Package V 1.1	FY 2003 Q2
ER32LTRBUDGET	Budget Execution Package V 1.0	FY 2006 Q1
ER32SSC	Management Package V 3.0	FY 2005 Q2
ER4IBCT	Management Package V 2.0	FY 2004 Q3
ER52TICKLER	Management Package V 3.0	FY 2005 Q2
ER53BUDGET	Budget Execution Package V 1.0	FY 2006 Q1
ER55BUDGET	Budget Execution Package V 1.0	FY 2006 Q1
ER55HOMEPG	Management Package V 4.0	FY 2006 Q1
ER55SDBUDGET	Budget Execution Package V 1.0	FY 2006 Q1
ER55TOKBUDGET	Budget Execution Package V 1.0	FY 2006 Q1
ER63ACBUDGET	Budget Execution Package V 1.0	FY 2006 Q1



## Legacy System to New Application Relationships

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ER63BUDGET	Management Package V 3.0	FY 2005 Q2
ER63DHBUDGET	Management Package V 3.0	FY 2005 Q2
ER63JCBUDGET	Management Package V 3.0	FY 2005 Q2
ER70BUDGET	Budget Execution Package V 1.0	FY 2006 Q1
ER70CONTACT	Support Services Package V 2.0	FY 2004 Q3
ER72CORE	Budget Execution Package V 1.0	FY 2006 Q1
ER72HSRD	Management Package V 4.0	FY 2006 Q1
ER74ESDBUDGET	Budget Execution Package V 1.0	FY 2006 Q1
ER74GCDB	Support Services Package V 2.0	FY 2004 Q3
ER74HPAL	Support Services Package V 2.0	FY 2004 Q3
ER74IAPB	Management Package V 3.0	FY 2005 Q2
ER74PADB	Execution Work Management Package V 3.0	FY 2003 Q4
ER74RCESRS	Execution Work Management Package V 2.0	FY 2002 Q4
ER74RCSS	Execution Work Management Package V 3.0	FY 2003 Q4
ER8CONTRACT	Management Package V 3.0	FY 2005 Q2
ERATS	Support Services Package V 1.1	FY 2003 Q2
ERCAL	Support Services Package V 3.0	FY 2004 Q3
FMIS	Budget Execution Package V 1.0	FY 2006 Q1
Helpdesk	Management Package V 2.0	FY 2004 Q3
INVEN	Support Services Package V 3.0	FY 2004 Q3
IPA	Human Resources Package V 2.0	FY 2006 Q4
IPS	Management Package V 3.0	FY 2005 Q2
KEYWORD	Support Services Package V 1.1	FY 2003 Q2
Lab-Base	Human Resources Package V 1.0	FY 2006 Q1
LAS	Execution Work Management Package V 3.0	FY 2003 Q4
LDRD	Execution Work Management Package V 3.0	FY 2003 Q4
OMAS	Human Resources Package V 2.0	FY 2006 Q4
RIMS	Management Package V 4.0	FY 2006 Q1
ROUTSLIP	Support Services Package V 1.1	FY 2003 Q2

## Legacy System to New Application Relationships

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SAM	Support Services Package V 1.1	FY 2003 Q2
SBIR	Management Package V 4.0	FY 2006 Q1
SBIRMAIL	Execution Work Management Package V 3.0	FY 2003 Q4
STTR	Management Package V 4.0	FY 2006 Q1
VMS	Management Package V 4.0	FY 2006 Q1